

03-01-02

A

DATE OF DEPOSIT: 02/27/2002

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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02/27/02
U.S. PTO
JC930310/08/2002
U.S. PTO
JC9303

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

FEE BASED
PCT/US
PCT/EP
PCT/JP
PCT/CA
PCT/DE
PCT/FR
PCT/GB
PCT/IN
PCT/IL
PCT/JP
PCT/NO
PCT/SE
PCT/US
PCT/CA
PCT/DE
PCT/FR
PCT/GB
PCT/IN
PCT/IL
PCT/JP
PCT/NO
PCT/SE

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 50]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 20]
5. Oath or Declaration [Total Pages]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____

Prior application information.

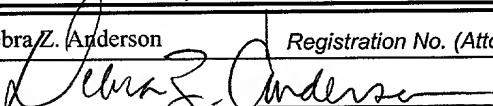
Examiner _____

Group Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | | | |
|---|--|---|--|----|---|--|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 003705 (Insert Customer No. or Attach bar code label here) | | or | <input type="checkbox"/> Correspondence address below | |
| Name | | | | | | |
| Address | | | | | | |
| City | | State | | | Zip Code | |
| Country | | Telephone | | | Fax | |

| | | | |
|-------------------|--|-----------------------------------|----------------|
| Name (Print/Type) | Debra Z. Anderson | Registration No. (Attorney/Agent) | 44,506 |
| Signature |  | | Date 2/27/2001 |

Burden Hour Statement: This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

875.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Peter A. Castric |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | 049450-00172 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-2556
Deposit Account Name Eckert Seamans Cherin & Mellott

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

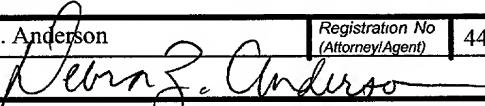
Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------------------|--------------------------|---|-------------------|
| 105 | 130 | 205 65 Surcharge - late filing fee or oath | |
| 127 | 50 | 227 25 Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 130 Non-English specification | |
| 147 | 2,520 | 147 2,520 For filing a request for ex parte reexamination | |
| 112 | 920* | 112 920* Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 55 Extension for reply within first month | |
| 116 | 390 | 216 195 Extension for reply within second month | |
| 117 | 890 | 217 445 Extension for reply within third month | |
| 118 | 1,390 | 218 695 Extension for reply within fourth month | |
| 128 | 1,890 | 228 945 Extension for reply within fifth month | |
| 119 | 310 | 219 155 Notice of Appeal | |
| 120 | 310 | 220 155 Filing a brief in support of an appeal | |
| 121 | 270 | 221 135 Request for oral hearing | |
| 138 | 1,510 | 138 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 55 Petition to revive - unavoidable | |
| 141 | 1,240 | 241 620 Petition to revive - unintentional | |
| 142 | 1,240 | 242 620 Utility issue fee (or reissue) | |
| 143 | 440 | 243 220 Design issue fee | |
| 144 | 600 | 244 300 Plant issue fee | |
| 122 | 130 | 122 130 Petitions to the Commissioner | 130.00 |
| 123 | 130 | 123 130 Petitions related to provisional applications | |
| 126 | 180 | 126 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 40 Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 355 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |
| *Reduced by Basic Filing Fee Paid | | | SUBTOTAL (3) (\$) |
| | | | 130.00 |

**or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY | | Complete (if applicable) | | |
|-------------------|---|-------------------------------------|-----------|------------------------|
| Name (Print/Type) | Debra Z. Anderson | Registration No (Attorney/Agent) | 44,506 | Telephone 412.566.1910 |
| Signature |  | Date | 2/27/2002 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of) Entitled:
PETER A. CASTRIC)
Serial No.: Filed Herewith) COMPOSITIONS AND METHODS FOR
Attorney Docket No: 049450-00172) ELICITING AN IMMUNE RESPONSE TO
) GRAM-NEGATIVE BACTERIAL
) INFECTIONS
)

**Eckert Seamans Cherin & Mellott
600 Grant Street, 44th Floor
Pittsburgh, PA 15219**

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

PETITION FOR THE ACCEPTANCE OF COLOR FIGURES

Both color figures and corresponding black and white figures are provided for this application. Color coding is an important part of the claimed invention. It is difficult to appreciate the invention and understand the color coding from the black and white figures, even with the extensive description in the specification, as can readily be appreciated by a comparison of the black and white and corresponding color figures. Accordingly, acceptance of the enclosed color figures for this application is respectfully requested.

Three sets of the color figures are enclosed along with the fee set forth in Section 1.17(h). The specification already contains language identifying that the color figures are available in the patent files. Please charge the filing fee of \$130.00 for this petition to Eckert Seamans Deposit Account No. 02-2556. Favorable consideration of this petition is respectfully requested.

03/08/2002 VTRUDONG1 00000015 022556 10085862

04 FC:122

130.00 CH

Respectfully submitted,



Debra Z. Anderson
Registration No. 44,506
Attorney for Applicant
412.566.1910

Date

2/27/2002